

## EDUCATION

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### University of Electronic Science and Technology of China (UESTC) & University of Glasgow

Dual Degree: Bachelor of Engineering in Electronics and Electrical Engineering

*September 2018 - June 2022*

Overall GPA 3.38/4.0 (80/100) and Second Upper Honor

Advisor: Prof. Maharachchikumbura Sajeewa (Bioinformatics) & Prof. Sun Guolin (Dissertation in smart city)

Selected Honors: MCM/ICM Finalist (2021) and College Scholarship for Academic Excellence (2021)

### Georgia Institute of Technology, Shenzhen

*August 2022 – Est. August 2023*

Master of Science in Computer Science with Machine Learning Specialization

Research Interests: Operation Research (Application), data-driven smart city

## SELECTED RESEARCH EXPERIENCE

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### Research Assistant with Prof. Chen Yuang & Prof. Xu Lei @ Georgia Tech ISYE

*September 2022 - Now*

- Research field: Operation Research application and data-driven smart city, including urban resilience and Humanitarian Resource Allocation, Electric Vehicle Charging Station planning
- 1 publication (revision of bachelor dissertation), 1 draft (targeted on Cities special issue)

### Research Assistant with Prof. Maharachchikumbura @ School of Life, UESTC

*December 2019 - June 2022*

- Research field: General bioinformatics and data analysis
- Also assist general work, including funding proposal, graduate student recruitment and translation

## PUBLICATIONS

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- Chen, Y. P., **Wu, T.**, Tian, W. H., Ilyukhin, E., Hyde, K. D., & Maharachchikumbura, S. S. N.\*: Comparative genomics provides new insights into the evolution of Colletotrichum. Mycosphere (IF=16, Online and In Press).
- **Wu, T.\***, Zan, X., Xu, L., Chen, Y., & Liu, K.: Fair Food Delivery Trading System Based on Edge Computing and Stackelberg Game. In: International Conference on Edge Computing (In Press)
- **Wu, T.**, Chen, Y., & Maharachchikumbura, S. S. N.\*: The complete Mitochondrial Genome of *Gymnobilideus Leadbeateri* (Mammalia: Petauridae). Mitochondrial DNA Part B 6:2, 589-590 (2021).

## SELECTED PROJECT EXPERIENCE

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### Mathematical Contest in Modeling by COMAP

*February 2021*

- Finalist Award (3% worldwide)
- AlexNet Convolutional Neural Network to realize better image classification in image classification
- Monte Carlo simulation, analytic hierarchy process, hypothesis test and Bayes inference for modeling

## INTERNSHIP

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### Huawei Technologies Co., Ltd.

*summer 2021*

*Business Development intern of Cloud Business, Guangdong Division*

- Participated in Huya-Huawei cloud computing business

## SKILLS

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Programing: proficient in Python, and familiar with TensorFlow, MATLAB, Genetic Algorithm

Familiar with data analysis process: python spider, data cleaning, SPSS and NumPy, Tableau visualization

Language: Native in Mandarin, fluent in English: IELTS 7(R8, W6, L7, S6)